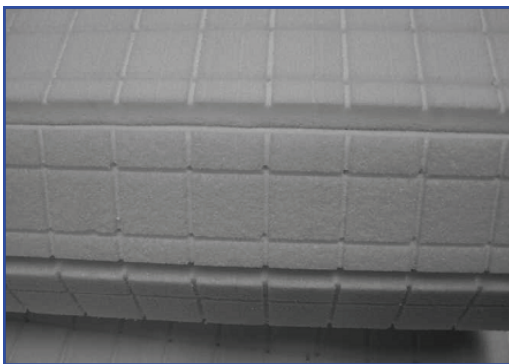
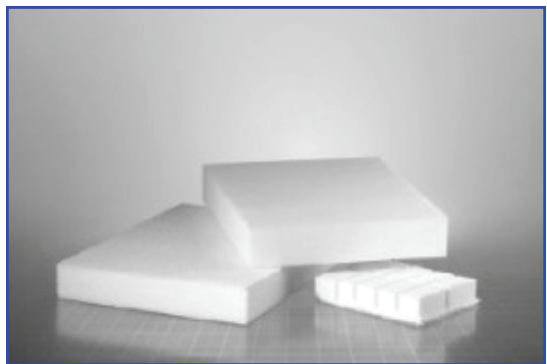


CarbonFoam PET100/150

	TEST METHOD	METRIC	IMPERIAL	METRIC	IMPERIAL
DENSITY		100kg/m ³	6.3 lb/ft ³	150 kg/m ³	9.4 lb/ft ³
COMPRESSION STRENGTH	ISO 844	1.86MPa	270 PSI	2.68 MPa	389 Psi
COMPRESSION MODULUS	ISO 844	84 MPa	12209 PSI	99.38 MPa	14410 PSI
SHEAR STRENGTH	ASTM C273	1.19MPa	173 PSI	1.36 MPa	197 PSI
SHEAR MODULUS	ASTM C273	27.9 MPa	4046 PSI	38.1 MPa	5525 PSI
TENSILE STRENGTH	ASTM D1623	2.1 MPa	305 PSI	2.52 MPa	365 PSI
TENSILE MODULUS	ASTM D1623	107.1 MPa	15530 PSI	122 MPa	17719 PSI
THERMAL CONDUCTIVITY	ISO 12667	0.026	0.015	0.028	0.017
DIMENSIONAL STABILITY		175° C	347° F	175° C	347° F
CLOSED CELL RATE	ISO 4590	< 90%	< 90%	< 90%	< 90%
FIRE RESISTANCE	DIN 4102 M1F1	Self extinguishing burn rate FMVSS 302			



AVAILABLE WELDED and NON-WELDED QUALITY PET FOAM
SPECIAL FEATURES:

- **Thermoformable**
- **Great fatigue resistance**
- **Good chemical resistance**
- **No toxic or corrosive emissions when burned**

Carbon-Core Corp. PO Box 332 Keswick VA 22947 USA www.carbon-core.com

All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Carbon-Core Corp will not assume any liability form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

Several products offered by Carbon-Core Corp. are approved by:

